

Name:

Date:

Class:

Formative Assessment 2

(Word bank: conductive band, valence band, electrons, band gap, conductive, resistance, wavelength, frequency, energy, opacity)

1. What is the difference between insulators and conductors?
2. What does wavelength of light have to do with color?
3. How does increasing the temperature affect the electrons?
4. How does increasing the temperature affect the conductivity of a material?
5. Describe how to grow a crystal precipitate from solution using the slow evaporation method.